



PCT09

#10

## RAW SEQUENCE LISTING

DATE: 08/06/2002

PATENT APPLICATION: US/09/744,628A

TIME: 16:49:47

Input Set : A:\Yip.ST25.txt

Output Set: N:\CRF3\08062002\I744628A.raw

ENTERED

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5 <110> APPLICANT: YIP, CECIL
9 <120> TITLE OF INVENTION: IDENTIFICATION OF COMPOUNDS FOR MODULATING DIMERIC RECEPTORS
13 <130> FILE REFERENCE: P04885US1
17 <140> CURRENT APPLICATION NUMBER: 09/744628A
19 <141> CURRENT FILING DATE: 2000-05-25
23 <150> PRIOR APPLICATION NUMBER: PCT/CA00/00605
25 <151> PRIOR FILING DATE: 2000-05-25
29 <160> NUMBER OF SEQ ID NOS: 17
33 <170> SOFTWARE: PatentIn version 3.0
37 <210> SEQ ID NO: 1
39 <211> LENGTH: 30
41 <212> TYPE: PRT
43 <213> ORGANISM: Homo sapiens
47 <220> FEATURE:
49 <221> NAME/KEY: PEPTIDE
51 <222> LOCATION: (1)..(30)
53 <223> OTHER INFORMATION: X(1)=N,Q,T,Y X(2)=K,R X(3)=A,L,I,P,F,W,M,C,G
54      X(4)=D X(5)=Q,S,T,N X(6)=A,V,I,P,F,W,M,C,G
55      X(7)=D X(8)=K,H X(9)=A,V,I,P,L,W,M,C,G
56      X(10)=A,V,I,P,L,W,M,C,G X(11)=Q,S,T,N X(12)=H,R
60 <400> SEQUENCE: 1
W--> 62 Phe Val Asn Gln His Leu Cys Gly Xaa Xaa Leu Xaa Xaa Ala Leu Xaa
63 1 5 10 15
W--> 65 Xaa Val Cys Gly Xaa Xaa Gly Xaa Xaa Xaa Thr Pro Xaa Thr
66 20 25 30
68 <210> SEQ ID NO: 2
70 <211> LENGTH: 21
72 <212> TYPE: PRT
74 <213> ORGANISM: Homo sapiens
78 <220> FEATURE:
80 <221> NAME/KEY: PEPTIDE
82 <222> LOCATION: (1)..(21)
84 <223> OTHER INFORMATION: X(1)=D X(2)=Q,S,T,Y
85      X(3)=N,Q,S,T,Y X(4)=,Q,S,T,Y
86      X(5)=D X(6)=Q,S,T,Y
90 <400> SEQUENCE: 2
W--> 92 Gly Ile Val Xaa Xaa Cys Cys Xaa Ser Ile Cys Ser Leu Tyr Xaa Leu
93 1 5 10 15
W--> 95 Xaa Asn Tyr Cys Xaa
96 20
98 <210> SEQ ID NO: 3
100 <211> LENGTH: 30
102 <212> TYPE: PRT

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104 <213> ORGANISM: Homo sapiens
108 <220> FEATURE:
110 <221> NAME/KEY: PEPTIDE
112 <222> LOCATION: (1)..(30)
114 <223> OTHER INFORMATION: X(1)=N,Q,T,Y X(2)=K,R X(3)=A,L,I,P,F,W,M,C,G X(4)=D
115      X(5)=Q,S,T,N X(6)=A,V,I,P,F,W,M,C,G X(7)=D X(8)=K,H
116      X(9)=A,V,I,P,L,W,M,C,G X(10)=A,V,I,P,L,W,M,C,G X(11)=Q,S,T,N
117      X(13)=H,R
121 <400> SEQUENCE: 3
W--> 123 Phe Val Asn Gln His Leu Cys Gly Xaa Xaa Leu Xaa Xaa Ala Leu Xaa
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W--> 126 Xaa Val Cys Gly Xaa Xaa Gly Xaa Xaa Xaa Thr Xaa Pro Thr
127      20          25          30
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131 <211> LENGTH: 21
133 <212> TYPE: PRT
135 <213> ORGANISM: Homo sapiens
139 <220> FEATURE:
141 <221> NAME/KEY: PEPTIDE
143 <222> LOCATION: (1)..(21)
145 <223> OTHER INFORMATION: X(1)=D X(2)=Q,S,T,Y
146      X(3)=N,Q,S,T,Y X(4)=Q,S,T,Y
147      X(5)=D X(6)=Q,S,T,Y
151 <400> SEQUENCE: 4
W--> 153 Gly Ile Val Xaa Xaa Cys Cys Xaa Ser Ile Cys Ser Leu Tyr Xaa Leu
154 1          5          10          15
W--> 156 Xaa Asn Tyr Cys Xaa
157      20
159 <210> SEQ ID NO: 5
161 <211> LENGTH: 30
163 <212> TYPE: PRT
165 <213> ORGANISM: Bos taurus
169 <220> FEATURE:
171 <221> NAME/KEY: PEPTIDE
173 <222> LOCATION: (1)..(30)
175 <223> OTHER INFORMATION: X(1)=N,Q,T,Y X(2)=K,R X(3)=A,L,I,P,F,W,M,C,G
176      X(4)=D X(5)=Q,S,T,N X(6)=A,V,I,P,F,W,M,C,G
177      X(7)=D X(8)=K,H X(9)=A,V,I,P,L,W,M,C,G
178      X(10)=A,V,I,P,L,W,M,C,G X(11)=Q,S,T,N X(12)=H,R
182 <400> SEQUENCE: 5
W--> 184 Phe Val Asn Gln His Leu Cys Gly Xaa Xaa Leu Xaa Xaa Ala Leu Xaa
185 1          5          10          15
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188      20          25          30
190 <210> SEQ ID NO: 6
192 <211> LENGTH: 21
194 <212> TYPE: PRT
196 <213> ORGANISM: Bos taurus
200 <220> FEATURE:

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202 <221> NAME/KEY: PEPTIDE
204 <222> LOCATION: (1)..(21)
206 <223> OTHER INFORMATION: X(1)=D X(2)=Q,S,T,Y
207     X(3)=N,Q,S,T,Y X(4)=Q,S,T,Y
208     X(5)=D X(6)=Q,S,T,Y
212 <400> SEQUENCE: 6
W--> 214 Gly Ile Val Xaa Xaa Cys Cys Xaa Ser Val Cys Ser Leu Tyr Xaa Leu
      215 1           5           10           15
W--> 217 Xaa Asn Tyr Cys Xaa
      218           20
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222 <211> LENGTH: 30
224 <212> TYPE: PRT
226 <213> ORGANISM: Sus scrofa
230 <220> FEATURE:
232 <221> NAME/KEY: PEPTIDE
234 <222> LOCATION: (1)..(30)
236 <223> OTHER INFORMATION: X(1)=N,Q,T,Y X(2)=K,R X(3)=A,L,I,P,F,W,M,C,G
237     X(4)=D X(5)=Q,S,T,N X(6)=A,V,I,P,F,W,M,C,G
238     X(7)=D X(8)=K,H X(9)=A,V,I,P,L,W,M,C,G
239     X(10)=A,V,I,P,L,W,M,C,G X(11)=Q,S,T,N X(12)=H,R
243 <400> SEQUENCE: 7
W--> 245 Phe Val Asn Gln His Leu Cys Gly Xaa Xaa Leu Xaa Xaa Ala Leu Xaa
      246 1           5           10           15
W--> 248 Xaa Val Cys Gly Xaa Xaa Gly Xaa Xaa Xaa Thr Pro Xaa Ala
      249           20           25           30
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253 <211> LENGTH: 21
255 <212> TYPE: PRT
257 <213> ORGANISM: Sus scrofa
261 <220> FEATURE:
263 <221> NAME/KEY: PEPTIDE
265 <222> LOCATION: (1)..(21)
267 <223> OTHER INFORMATION: X(1)=D X(2)=Q,S,T,Y
268     X(3)=N,Q,S,T,Y X(4)=Q,S,T,Y
269     X(5)=D X(6)=Q,S,T,Y
273 <400> SEQUENCE: 8
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W--> 278 Xaa Asn Tyr Cys Xaa
      279           20
281 <210> SEQ ID NO: 9
283 <211> LENGTH: 30
285 <212> TYPE: PRT
287 <213> ORGANISM: Homo sapiens
291 <220> FEATURE:
293 <221> NAME/KEY: PEPTIDE
295 <222> LOCATION: (1)..(30)
299 <400> SEQUENCE: 9

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301 Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr
302 1 5 10 15
304 Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Thr
305 20 25 30
307 <210> SEQ ID NO: 10
309 <211> LENGTH: 21
311 <212> TYPE: PRT
313 <213> ORGANISM: Homo sapiens
317 <220> FEATURE:
319 <221> NAME/KEY: PEPTIDE
321 <222> LOCATION: (1)..(21)
325 <400> SEQUENCE: 10
327 Gly Ile Val Glu Gln Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu
328 1 5 10 15
330 Glu Asn Tyr Cys Asn
331 20
333 <210> SEQ ID NO: 11
335 <211> LENGTH: 30
337 <212> TYPE: PRT
339 <213> ORGANISM: Bos taurus
343 <220> FEATURE:
345 <221> NAME/KEY: PEPTIDE
347 <222> LOCATION: (1)..(30)
351 <400> SEQUENCE: 11
353 Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr
354 1 5 10 15
356 Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Ala
357 20 25 30
359 <210> SEQ ID NO: 12
361 <211> LENGTH: 21
363 <212> TYPE: PRT
365 <213> ORGANISM: Bos taurus
369 <220> FEATURE:
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373 <222> LOCATION: (1)..(21)
377 <400> SEQUENCE: 12
379 Gly Ile Val Glu Gln Cys Cys Ala Ser Val Cys Ser Leu Tyr Gln Leu
380 1 5 10 15
382 Glu Asn Tyr Cys Asn
383 20
385 <210> SEQ ID NO: 13
387 <211> LENGTH: 30
389 <212> TYPE: PRT
391 <213> ORGANISM: Sus scrofa
395 <220> FEATURE:
397 <221> NAME/KEY: PEPTIDE
399 <222> LOCATION: (1)..(30)
403 <400> SEQUENCE: 13
405 Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr

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406 1                5                10                15
408 Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Ala
409                20                25                30
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413 <211> LENGTH: 21
415 <212> TYPE: PRT
417 <213> ORGANISM: Sus scrofa
421 <220> FEATURE:
423 <221> NAME/KEY: PEPTIDE
425 <222> LOCATION: (1)..(21)
429 <400> SEQUENCE: 14
431 Gly Ile Val Glu Gln Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu
432 1                5                10                15
434 Glu Asn Tyr Cys Asn
435                20
437 <210> SEQ ID NO: 15
439 <211> LENGTH: 27
441 <212> TYPE: PRT
443 <213> ORGANISM: Homo sapiens
447 <220> FEATURE:
449 <221> NAME/KEY: PEPTIDE
451 <222> LOCATION: (1)..(27)
455 <400> SEQUENCE: 15
457 Met Gly Thr Gly Gly Arg Arg Gly Ala Ala Ala Ala Pro Leu Leu Val
458 1                5                10                15
460 Ala Val Ala Ala Leu Leu Leu Gly Ala Ala Gly
461                20                25
463 <210> SEQ ID NO: 16
465 <211> LENGTH: 719
467 <212> TYPE: PRT
469 <213> ORGANISM: Homo sapiens
473 <220> FEATURE:
475 <221> NAME/KEY: CHAIN
477 <222> LOCATION: (1)..(719)
481 <400> SEQUENCE: 16
483 His Leu Tyr Pro Gly Glu Val Cys Pro Gly Met Asp Ile Arg Asn Asn
484 1                5                10                15
486 Leu Thr Arg Leu His Glu Leu Glu Asn Cys Ser Val Ile Glu Gly His
487                20                25                30
489 Leu Gln Ile Leu Leu Met Phe Lys Thr Arg Pro Glu Asp Phe Arg Asp
490                35                40                45
492 Leu Ser Phe Pro Lys Leu Ile Met Ile Thr Asp Tyr Leu Leu Leu Phe
493                50                55                60
495 Arg Val Tyr Gly Leu Glu Ser Leu Lys Asp Leu Phe Pro Asn Leu Thr
496 65                70                75                80
498 Val Ile Arg Gly Ser Arg Leu Phe Phe Asn Tyr Ala Leu Val Ile Phe
499                85                90                95
501 Glu Met Val His Leu Lys Glu Leu Gly Leu Tyr Asn Leu Met Asn Ile
502                100                105                110

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/744,628A

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Input Set : A:\Yip.ST25.txt  
Output Set: N:\CRF3\08062002\I744628A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 9,10,12,13,16,17,21,22,24,25,26,29  
Seq#:2; Xaa Pos. 4,5,8,15,17,21  
Seq#:3; Xaa Pos. 9,10,12,13,16,17,21,22,24,25,26,28  
Seq#:4; Xaa Pos. 4,5,8,15,17,21  
Seq#:5; Xaa Pos. 9,10,12,13,16,17,21,22,24,25,26,29  
Seq#:6; Xaa Pos. 4,5,8,15,17,21  
Seq#:7; Xaa Pos. 9,10,12,13,16,17,21,22,24,25,26,29  
Seq#:8; Xaa Pos. 4,5,8,15,17,21